Description

The image displays the Tinkercad electronics simulation environment.
Circuit components are arranged and tested using the built-in simulator.
Voltage flow and component response are observed in real time.
This workspace enables testing and debugging without physical hardware.

Outcomes

Understood basic electronic components such as LEDs, resistors, and power
sources.
Learned correct breadboard connections and current-limiting techniques.
Gained experience in circuit simulation and fault detection without physical
hardware.
Developed foundational skills for prototyping and embedded system design.